

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date:	14.05.26	Job No.:	RD5388	ADR Yes/No:	N	ADR Date:		ECN #:	14- 570
Product No.:	D412-664	Created By:	CP	Approved By:	MP	Checked By:			
Product Name:	Heavy-Duty Crosstube, 412 Aft								

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	Y	NF	MP 14/05/29
Production Manager / Coord.	Y	LL/MF	W 14.05.28
Purchasing Coord.	N	CL	
Production Engineering Coord.	Y	DD/JLM	14.05.27
Production Engineering Coord.	N	DL	
Customer Order Processing	N	RM/CC	

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
DQA / QA Coord.	Y	PS	MP 14/05/27
QC Coordinator	Y	ED	14.05.28
Customer Support	Y	SW/LM	14.05.27
Customer Technical Support	Y	MB/HS	14.05.27
Marketing Manager	Y	KO	26 14.05.27
Sales Support Manager	Y	NM	21 14.05.28

Reason for Change:

Documents Affected:

Release: ~~412-664-403~~

- ICA-D212-664 Rev. 9 -D212-664-147 Rev. C -D212-664-247 Rev. C
 - IIN-D212-664 Rev. H -D212-664-241 Rev. E -D412-664-249 Rev. C
 - D212-664-141 Rev. E -D412-664-243 Rev. F -D412-664-443 Rev A
 - D412-664-145 Rev. E -D412-664-245 Rev. E

IF APPLICABLE: NCR: _____

PAR: _____

CAR: _____

PAPERWORK UPDATE ☐

PARTS MUST COMPLY ☐

PREVIOUS PARTS SATISFACTORY ☒

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3	NOTIFY AGUSTA WESTLAND	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings/Item ID's Under Review (URF)	N			
5	Update Master Document List (MDL)	Y	CP	Rev. 5	MP 17/5/16
6	Update Document Record (DR)	N			
7	Update Product Compatability Matrix	Y	MB		14.05.29
8	Notify TC / FAA of Change (eg. ICA, 8110-3)	Y	CP	TCCA/FAA/EASA Approved 14/5/21	MP 17/5/16
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move / Update Electronic Files / Design Journal	Y	KJ		14.05.26
11	Update Product Specification Files (Bluefiles)	Y	KJ		14.05.26
12	Update Approved/Preliminary Dwg PDF Files	Y	KJ		14.05.26
13	Update Product Development Summary (STC applications)	N			
14	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
15	Create/Update Parts / STC Database	Y	KJ		14.05.26
16	Update / Verify Airworthiness Release Certificate Database	Y	KJ		14.05.26
17	Create / Update Change Record Form / Item Card Database	Y	KJ		14.05.27
18	Create / Update Packaging Process Plan (PPP)	Y	KJ		14.05.28
19	Red Decals required on Packaging Process Plan (PPP)?	Y	KJ		14.05.28
20	Update Controlled Supplier Documents (Qpulse) Database	N			
21	Update Grey Project Binder / Electronic Project Folder	Y	KJ		14.05.26
22	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	KJ		14.05.26
23	Manufacturing Licensing Agreement Update	N			
24					

Description / Action:

- D412-664-403, new crosstube at CHG 001 (Stainless Steel, 412 Aft heavy Duty Crosstube, with extended service life)
- All remaining 664 crosstubes have the support clamps rotated 180 degrees to prevent chafing.
- All 214 crosstubes ("B" kits) now use D5017-1 / D5018-1 Supports, which should have better fit on 214 aircraft.
- Crushing and some height tolerances have been increased on existing crosstubes (update FAI).
- D212-664-101/-101B/-141F/-101MB @ CHG 006, D412-664-105/-105DG @ CHG 005, D212-664-107/-107B @ CHG 004, D212-664-201/-201B/-201MB @ CHG 006
- D412-664-203/-203AN/-203F @ CHG 010, D412-664-205/-205DG @ CHG 005, D212-664-207/-207B @ CHG 003, D412-664-209 @ CHG 005
- Existing stock is OK and doesn't have to be updated.

ECN Verified & Complete: MP

Date: 14/6/16